

... FRAME**PURPOSE**

Specifies whether or not (and which) frames will appear on subsequent plots.

DESCRIPTION

The frame is the 4-sided box which surrounds the usual 2-dimensional plot. The default is for all 4 sides of the frame to appear. The analyst can suppress each or all of the sides of the frame by specifying the prefix in the command (see the SYNTAX section below).

SYNTAX

<prefix>FRAME <ON or OFF>

where <prefix> is as follows:

no prefix	refers to all 4 sides;
the prefix X	refers to both horizontal sides;
the prefix Y	refers to both vertical sides;
the prefix X1	refers to the lower horizontal side;
the prefix X2	refers to the upper horizontal side;
the prefix Y1	refers to the left vertical side;
the prefix Y2	refers to the right vertical side;

and ON specifies that the frame is drawn while OFF specifies that it is not.

EXAMPLES

```
FRAME ON
FRAME OFF
FRAME
X2FRAME OFF
Y2FRAME OFF
```

NOTE 1

A ...FRAME command with no arguments reverts the setting to default. Thus X1FRAME with no arguments reverts the bottom horizontal frame line to on. A ...FRAME command with no prefix refers to all 4 sides. Thus FRAME OFF suppresses the frame lines on all 4 sides. FRAME with no prefix and no arguments reverts the frame settings on all 4 sides to default.

NOTE 2

Turning off the frame also turns off the tic marks and the tic mark labels for that frame line. It does not affect the axis label.

DEFAULT

All frame lines on.

SYNONYMS

None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
FRAME COLOR	=	Sets the color for the plot frame.
FRAME COORDINATES	=	Sets the location for the plot frame.
FRAME THICKNESS	=	Sets the thickness for the plot frame.
MINIMUM	=	Sets the frame minima for subsequent plots.
MAXIMUM	=	Sets the frame maxima for subsequent plots.
LIMITS	=	Sets the frame limits for subsequent plots.
TITLE	=	Sets the plot title.
LABEL	=	Sets the plot labels.
LEGEND	=	Sets the plot legends.

APPLICATIONS

Presentation Graphics, STAR PLOT

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```

LET Y = DATA 2 5 9 15 28
LET X = DATA 81 82 83 84 85
X1LIMITS 81 85; XTIC OFFSET 1 1
X1LABEL YEAR
MINOR X1TIC MARK NUMBER 0
Y1LABEL SALES
LINE BLANK
BAR ON; BAR WIDTH 0.5
MULTIPLY 2 2; MULTIPLY CORNER COORDINATES 0 0 100 100
.
TITLE SIZE 5
TITLE DEFAULT FRAME
PLOT Y VS X
.
TITLE LEFT AND RIGHT ONLY
Y2FRAME OFF
X2FRAME OFF
PLOT Y VS X
.
TITLE BOTTOM FRAME ONLY
Y1FRAME OFF
PLOT Y VS X
.
TITLE NO FRAME
FRAME OFF
PLOT Y VS X
END OF MULTIPLY
    
```

